

# Material Safety Data Sheet

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Infosafe No™ LPWZ9 Issue Date :November 2007 ISSUED by PDS CS: 1.4.18

Product Name : **BERRY DROPS MOUTHRINSE**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** BERRY DROPS MOUTHRINSE

**Company Name** Professional Dentist Supplies Pty. Ltd. (ABN 69 088 275 576)

**Address** Building 3/8 Nicole Close Bayswater North  
VIC 3153 Australia

**Emergency Tel.** +61 3 9761 6615 bh

**Telephone/Fax Number** Tel: +61 3 9761 6615  
Fax: +61 3 9730 1073

**Recommended Use** Pleasant flavoured mouthrinse concentrate prepared by addition to water.

**Other Information** PROFESSIONAL DENTIST SUPPLIES  
Ph: 03 9761 6615 (business hours)  
The information contained within this material safety data sheet (MSDS) is believed to be accurate on the date of issue and in accordance with the information provided to us. Any person handling the product referred to in this material safety data sheet do so at their own risk. Professional Dental Supplies accepts no liability whatsoever for damage or injury caused from the use of this information or of suggestions contained herein.

## 2. HAZARDS IDENTIFICATION

**Hazard Classification** DANGEROUS GOODS.  
NON-HAZARDOUS SUBSTANCE.  
Dangerous goods classification according to the Australian Dangerous Goods Code.

**Risk Phrase(s)** Hazard classification according to the criteria of NOHSC.  
R11 Highly flammable.

**Safety Phrase(s)** S16 Keep away from sources of ignition - No smoking.  
S33 Take precautionary measures against static discharges.  
S7 Keep container tightly closed.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Ethanol	64-17-5	30-60 %
	Ingredients determined not to be hazardous		Balance

## 4. FIRST AID MEASURES

**Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. If symptoms develop seek medical attention.

**Ingestion** If swallowed, do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical attention.

**Skin** Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention.

**Eye** If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

**First Aid Facilities** Eye wash station, safety shower and normal washroom facilities.

**Advice to Doctor** Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media** Use alcohol resistant foam, water fog, dry chemical and carbon dioxide.

**Hazards from Combustion Products** Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.

**Specific Methods** Use water spray to cool fire exposed containers.

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**Specific Hazards** This product is highly flammable. Keep storage tanks, pipelines, fire-exposed surfaces etc cool with water spray. Shut off any leak if safe to do so and remove sources of re-ignition. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard.

**Hazchem Code** 2[Y]

**Precautions in connection with Fire** Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedures** Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling** Open containers cautiously as contents may be under pressure. Use only in a well ventilated area. DO NOT store or use in confined spaces. Do not enter these areas without respiratory protection or until the atmosphere has been checked. Keep tank covered and containers sealed when not in use. Build up of mists or vapours in the atmosphere must be prevented. Avoid inhalation of vapour and mists. Do not use near welding or other ignition sources and avoid sparks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. Do not smoke. Exposure without protection should be prevented in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage** Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Always keep in containers made of the same material as the supply container. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards	Name	STEL		TWA		Footnote
		mg/m3	ppm	mg/m3	ppm	
	Ethanol			1880	1000	
<b>Biological Limit Values</b>	No Biological limit available.					
<b>Other Exposure Information</b>	No exposure standards have been established for this material by the National Occupational Health And Safety Commission (NOHSC). However, exposure standards for ingredients are stated above: As published by the National Occupational Health and Safety Commission (NOHSC): TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life. STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.					

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<b>Engineering Controls</b>	Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.
<b>Respiratory Protection</b>	If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.
<b>Eye Protection</b>	Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
<b>Hand Protection</b>	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
<b>Body Protection</b>	Suitable work wear should be worn to protect personal clothing, eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Bright berry coloured liquid.
<b>Odour</b>	Not available.
<b>Melting Point</b>	Not available.
<b>Boiling Point</b>	Not available.
<b>Solubility in Water</b>	Soluble.
<b>Specific Gravity</b>	Not available.
<b>pH Value</b>	Not available.
<b>Vapour Pressure</b>	Not available.
<b>Vapour Density (Air=1)</b>	> 1
<b>Flash Point</b>	< 60.5°C (Closed Cup)
<b>Flammability</b>	HIGHLY FLAMMABLE. This product should be stored and used in a well ventilated area away from naked flames, sparks and other sources of ignition. Electrically link and ground metal containers for transfers of the product to prevent accumulation of static electricity. Keep the container tightly closed.
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flammable Limits - Lower</b>	Not available.
<b>Flammable Limits - Upper</b>	Not available.

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Strong oxidising agents.

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<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion produce noxious fumes containing oxides of carbon.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Toxicology Information</b>	No toxicology data available for this product.
<b>Inhalation</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.
<b>Ingestion</b>	May cause irritation to the mouth, esophagus and stomach. Symptoms may include nausea, headaches, dizziness, vomiting, abdominal pains, chemical burns to the gastro-intestinal tract with resultant bleeding, and possible shock. Damage to the liver, kidney and renal failure may also occur. Methanol may cause blurred vision and can cause blindness.
<b>Skin</b>	May cause redness, itching and irritation.
<b>Eye</b>	May cause irritation to eyes. Symptoms may include redness, tearing, stinging and blurred vision.
<b>Chronic Effects</b>	Repeated or prolonged skin contact may cause skin irritation and aggravate existing respiratory disorders.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No data available for this specific product.
<b>Persistence / Degradability</b>	Not available.
<b>Mobility</b>	Not available.
<b>Environ. Protection</b>	Avoid contaminating waterways.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	Dispose of waste according to federal, EPA and state regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain hazardous residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers.
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## 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	This material is classified as a Class 3 (Flammable Liquid) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 3 (Flammable Liquid) are incompatible in a placard load with any of the following: <ul style="list-style-type: none"><li>- Class 1, Explosive</li><li>- Class 2.1, Flammable Gas, if both the Class 3 and Class 2.1 dangerous goods are in bulk</li><li>- Class 2.3, Toxic Gas</li><li>- Class 4.2, Spontaneously Combustible Substance</li><li>- Class 5.1, Oxidising Agent</li><li>- Class 5.2, Organic Peroxide</li><li>- Class 6, Toxic and Infectious Substances, if the Class 3 dangerous goods are nitromethane.</li><li>- Class 7, Radioactive Substance</li></ul>
<b>U.N. Number</b>	1170
<b>Proper Shipping Name</b>	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>DG Class</b>	3
<b>Hazchem Code</b>	2[Y]
<b>Packaging Method</b>	3.8.3RT1

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**Packing Group** III

**EPG Number** 3A1

**IERG Number** 14

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## 15. REGULATORY INFORMATION

**Poisons Schedule** Not Scheduled

**Hazard Category** Highly Flammable

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## 16. OTHER INFORMATION

**Date of preparation** MSDS reviewed: November 2007

**or last revision of** MSDS Created: April 2002

**MSDS**

**Contact Person/Point**

...End Of MSDS...

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